

Sheet 1 of 11FORM PTO-
1449U.S. DEPARTMENT
OF COMMERCEPATENT AND
TRADEMARK
OFFICE

ATTY. DOCKET NO.

0171968

SERIAL NO.

10/670,403

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Voll, et al.

FILING DATE

September 24, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	D449,608	10/23/01	Chang	D14	357	6/19/00
HK	2003/0005186	1/2/03	Gough	710	8	6/29/01
HK	2003/0035049	2/20/03	Dickens, et al.	348	100	8/1/02
HK	2003/0037130	2/20/03	Rollins	709	223	8/16/01
HK	2002/0038334	3/28/02	Schneider, et al.	709	203	10/15/01
HK	2003/0051021	3/13/03	Hirschfeld, et al.	709	223	3/18/02
HK	2001/0053711	12/20/01	Chou	455	575	6/15/00
HK	2002/0054029	5/9/02	Glancy, et al.	345	173	11/28/01

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HK	EP 0962663A2	5/26/99	EP				No
HK	WO 98/12641	3/26/98	PCT				
HK	EP 0982663A2	8/26/99	EP				
HK	G9303716.3	11/4/93	Germany				

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER

Hal Kaplan

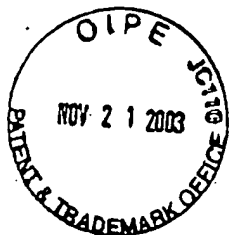
DATE

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Sheet 2 of 11

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO 0171968	SERIAL NO. 10/670,403
PATENT AND TRADEMARK OFFICE		APPLICANT Voll, et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE September 24, 2003	GROUP
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U.S. PATENT DOCUMENTS

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HK	2002/0072892	6/13/02	Shirley	703	25	2/22/02
HK	2002/0091850	7/11/02	Perholtz, et al.	709	231	12/31/01
HK	2002/0097220	7/25/02	Ferguson, et al.	345	156	3/28/02
HK	2002/0116539	8/22/02	Bryczkowski, et al.	709	317	12/21/01
HK	2002/0124128	9/5/02	Qiu	710	302	12/31/01
HK	2002/0143996	10/3/02	Odryna, et al.	709	246	9/14/01
HK	2002/0198934	12/26/02	Kistler, et al.	709	203	6/21/01
HK	4,468,612	8/28/84	Starr	324	66	1/15/82
HK	4,876,712	10/24/89	Brint, et al.	379	387	12/9/88
HK	4,972,470	11/20/90	Farago	380	3	8/6/87
HK	5,226,123	7/6/93	Vockenhuber	395	325	7/18/89
HK	5,347,113	9/13/94	Reddersen, et al.	235	462	3/25/93

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
HK	10-187303	7/14/98	Japan		+	YES	NO X

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

HK		NTI Catalog, 2001
HK		NTI Product Information Sheet - no date
HK		Belkin OmniView Catalog, 1999
HK		NTI. Description of Video Switch, Monitor Switch product [online], [retrieved on 12/26/01], Retrieved from the Internet. <URL://http://www.networktechinc.com/vidswt.html>.

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO 0171968.	SERIAL NO. 10/670,403
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	5,369,593	11/29/94	Papamarcos, et al.	364	488	10/18/91
HK	5,499,377	3/12/96	Lee	395	200.01	5/3/93
HK	5,524,362	6/11/96	Quandt, et al.	34	526	6/3/94
HK	5,542,053	7/30/96	Bland, et al.	395	309	11/30/94
HK	5,499,377	3/12/96	Lee	395	200.01	5/3/93
HK	5,581,303	12/3/96	Djabbari, et al.	348	524	1/18/95
HK	5,664,229	9/2/97	Bhargava, et al.	395	885	5/18/95
HK	5,699,533	12/16/97	Sakai	395	311	6/24/96
HK	5,721,842	2/24/98	Beasley, et al.	395	311	8/25/95
HK	5,724,529	3/3/98	Smith, et al.	395	309	11/22/95
HK	5,752,032	5/12/98	Keller, et al.	395	681	11/21/95
HK	5,758,099	5/26/98	Grieco, et al.	395	282	5/29/96

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

HK	KVM. Description of KVM Switch product [online], [retrieved on 12/26/01]; Retrieved from the Internet. <URL://http://www.kvm-switches-online.com/index.html>.
HK	Belkin. Description of KVM OmniView product [online], [retrieved on 10/30/01]; Retrieved from the Internet. <URL://http://www.belkin.com/moreabout/kvm.html>.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	5,761,447	6/2/98	Knox, et al.	395	281	6/14/97
HK	5,761,448	6/2/98	Adamson, et al.	395	284	8/30/96
HK	5,768,568	6/16/98	Inui, et al.	395	500	1/30/97
HK	5,781,748	7/14/98	Santos, et al.	395	308	7/19/96
HK	5,784,702	7/21/98	Greenstein, et al.	711	173	2/27/97
HK	5,799,171	8/25/98	Kondou	395	500	5/22/96
HK	5,801,789	9/1/98	Zeidler, et al.	398	589	3/22/96
HK	5,864,708	1/26/99	Croft, et al.	395	821	5/20/96
HK	5,884,096	3/16/99	Beasley, et al.	395	858	11/12/97
HK	5,935,224	8/10/99	Svancarek, et al.	710	63	4/24/97
HK	5,937,176	8/10/99	Beasley, et al.	395	311	11/12/97
HK	5,978,389	11/2/99	Chen	370	538	3/12/98

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	6,038,616	3/14/00	Thornton, et al.	710	2	5/4/98
HK	6,040,817	3/21/00	Sumikawa	345	113	2/3/94
HK	6,044,428	3/28/00	Rayabhari	710	129	3/17/98
HK	6,112,264	8/29/00	Beasley, et al.	710	38	2/4/99
HK	6,119,148	9/12/00	Chen	709	204	7/29/98
HK	6,141,719	10/31/00	Rafferty, et al.	710	131	12/10/98
HK	6,160,543	12/12/00	Chen	345	213	1/29/99
HK	6,162,078	12/19/00	Chung	439	188	1/20/00
HK	6,256,014	7/3/01	Thomas, et al.	345	163	5/5/00
HK	6,281,457	8/28/01	Chang	200	547	3/16/00
HK	6,304,895	10/16/01	Schneider, et al.	709	203	7/23/99
HK	6,324,605	11/27/01	Rafferty, et al.	710	100	12/10/98

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	6,378,009	4/23/02	Pinkston, II, et al.	710	62	8/20/99
HK	6,378,014	4/23/02	Shirley	710	100	8/25/99
HK	6,388,658	5/14/02	Ahern, et al.	345	168	12/2/99
HK	6,539,418	3/25/03	Schneider, et al.	709	203	10/15/01
HK	5,734,334	3/31/98	Hsieh, et al.	340	827	8/17/95
HK	5,317,695	5/31/94	Celi, Jr.	395	275	4/3/92
HK	5,166,674	11/24/92	Baum, et al.	340	825.07	6/21/91
HK	4,730,251	3/8/88	Aakre, et al.	364	200	10/28/85
HK	5,732,212	3/24/98	Perholtz, et al.	395	200.11	1/13/94
HK	5,742,677	4/21/98	Pinder, et al.	390	4	4/3/95
HK	5,768,224	6/16/98	Tanaka, et al.	369	33	5/30/94
HK	5,774,859	6/30/98	Houser, et al.	704	275	1/3/95
HK	5,674,003	10/7/97	Andersen, et al.	364	514	4/28/95

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	5,724,525	3/3/98	Beyers, II, et al.	395	240	3/28/95
HK	5,719,622	2/17/98	Conway	348	211	2/23/96
HK	5,715,515	2/3/98	Atkins, III, et al.	455	4.1	9/19/94
HK	5,708,961	1/13/98	Hylton, et al.	455	4.2	8/18/95
HK	5,701,161	12/23/97	Williams, et al.	348	468	12/14/94
HK	5,641,262	2/3/87	Bryan, et al.	364	900	3/2/84
HK	5,689,671	11/18/97	Strömberg	395	385	12/13/96
HK	5,657,414	8/12/97	Lett, et al.	386	35	12/1/92
HK	5,642,153	6/24/97	Chaney, et al.	348	7	12/23/94
HK	5,608,872	3/4/97	Schwartz, et al.	395	200.04	3/19/93
HK	5,606,604	2/25/97	Rosenblatt, et al.	379	198	12/13/93
HK	5,603,060	2/11/97	Weinberger, et al.	399	8	6/7/95
HK	5,592,551	1/7/97	Lett, et al.	380	20	4/19/94
HK	5,583,993	12/10/96	Foster, et al.	395	200.04	1/31/94
HK	5,579,087	11/26/96	Salgado	355	202	1/16/96
HK	5,579,057	11/26/96	Banker, et al.	348	589	1/5/95

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	5,577,210	11/19/96	Abdous, et al.	395	200.1	10/15/92
HK	5,539,822	7/23/96	Lett	380	20	4/19/94
HK	5,537,548	7/16/96	Fin, et al.	395	200.04	6/14/94
HK	5,534,942	7/9/96	Beyers, Jr., et al.	348	569	2/15/95
HK	5,504,522	4/2/96	Setogawa	348	185	6/28/95
HK	5,489,947	2/6/96	Cooper	348	589	2/15/95
HK	5,485,221	1/16/96	Banker, et al.	348	563	4/19/94
HK	5,477,262	12/19/95	Banker, et al.	348	7	11/29/91
HK	5,465,105	11/7/95	Shatas, et al.	345	204	9/29/93
HK	5,440,632	8/8/95	Bacon, et al.	380	20	3/28/94
HK	5,440,618	8/8/95	Riegel, et al.	379	95	6/6/94
HK	5,396,593	3/7/95	Mori, et al.	395	162	2/14/94
HK	5,392,400	2/21/95	Berkowitz, et al.	395	200	7/2/92
HK	5,381,477	1/10/95	Beyers, II, et al.	380	20	2/16/93
HK	5,367,571	11/22/94	Bowen, et al.	380	20	12/2/92
HK	5,357,276	10/18/94	Banker, et al.	348	7	12/1/92

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HK	5,349,675	9/20/94	Fitzgerald, et al.	395	800	9/4/90
HK	5,347,646	9/13/94	Hirosawa, et al.	395	575	9/26/89
HK	5,327,156	7/5/94	Masukane, et al.	345	113	1/8/93
HK	5,317,391	5/31/94	Banker, et al.	348	6	11/29/91
HK	5,301,028	4/5/94	Banker, et al.	348	570	11/29/91
HK	5,287,461	2/15/94	Moore	395	275	10/31/91
HK	5,283,639	2/1/94	Esch, et al.	348	6	9/10/91
HK	5,280,583	1/18/94	Nakayama, et al.	395	200	9/3/92
HK	5,268,576	12/7/93	Asprey, et al.	345	2	3/5/90
HK	5,261,079	11/9/93	Celi, Jr.	395	500	12/18/90
HK	5,260,778	11/9/93	Kauffman, et al.	358	86	6/26/90
HK	5,247,615	9/21/93	Mori, et al.	395	200	12/20/90
HK	5,247,364	9/21/93	Banker, et al.	358	191.1	11/29/91
HK	5,220,380	6/15/93	Hirata, et al.	355	204	7/14/92
HK	5,214,785	5/25/93	Fairweather	395	800	9/27/89
HK	5,128,766	7/7/92	Choi	358	183	11/27/90

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HK	5,117,225	5/26/92	Wang	340	717	5/1/89
HK	5,051,720	9/24/91	Kittirutsunetorn	340	310 R	11/13/89
HK	5,036,484	7/30/91	McCoy, et al.	364	900	11/23/88
HK	5,029,111	7/2/91	Mansell	364	521	4/29/87
HK	4,953,159	8/28/90	Hayden, et al.	370	62	1/3/89
HK	4,953,027	8/28/90	Tong, et al.	358	188	4/24/89
HK	4,949,248	8/14/90	Caro	364	200	7/15/88
HK	4,939,507	7/3/90	Beard, et al.	340	706	8/15/88
HK	4,907,079	3/6/90	Turner, et al.	358	84	9/28/87
HK	4,823,256	4/18/89	Bishop, et al.	364	200	6/22/84
HK	4,807,184	2/21/89	Shelor	364	900	8/11/86
HK	4,768,083	8/30/88	Romesburg	358	22	4/29/87
HK	4,680,622	7/14/87	Barnes, et al.	358	22	2/11/85
HK	4,665,501	5/12/87	Saldin, et al.	364	900	9/30/83
HK	4,630,284	12/16/86	Cooperman	375	36	12/28/84
HK	4,599,611	7/8/86	Bowker, et al.	340	721	6/2/82

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HK	4,550,386	10/29/85	Hirosawa, et al.	364	900	12/20/83
HK	4,479,122	10/23/84	Redman, et al.	340	825.06	3/5/82
HK	4,081,797	3/28/78	Olson	340	324 AD	2/21/75
HK	3,955,188	5/4/76	Viswanathan	340	324 AD	4/8/74
HK	4,243,984	1/6/81	Ackley, et al.	340	703	3/8/79
HK	6,615,090	9/2/03	Blevins, et al.	700	26	2/7/00
HK	6,006,338	12/21/99	Longsdorf, et al.	713	340	7/9/97
HK	6,215,907	4/10/01	Kumar, et al.	382	240	6/26/98
HK	6,098,116	8/1/00	Nixon, et al.	710	8	4/12/96
HK	6,533,905	10/14/03	Anderson, et al.	709	219	9/22/99
HK	5,181,858	1/26/93	Matz, et al.	439	188	8/30/91
HK	5,613,096	3/18/97	Danknick	395	500	11/4/94
HK	6,151,645	11/21/00	Young, et al.	710	63	8/7/98
HK	5,330,370	7/19/94	Reddersen, et al.	439	502	3/22/93
HK	5,835,791	11/10/98	Goff, et al.	395	882	3/26/96
HK	2003/0131127	7/10/03	King, et al.	709	238	1/5/02
HK	2002/0004912	1/10/02	Fung	713	300	5/18/01

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Sheet 1 of 5

FORM PTO- 1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 0171968	SERIAL NO. 10/670,403
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Voll, et al.	
		FILING DATE September 24, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HK	3,634,830	1/11/72	Baskin	340	172.5	6/13/69
HK	3,774,158	11/20/73	Clark	340	172.5	1/6/72
HK	4,078,249	3/7/78	Lelke, et al.	364	200	6/1/76
HK	4,150,429	4/17/79	Ying	364	200	7/30/76
HK	4,313,176	1/26/82	Cecil	364	900	3/7/80
HK	4,710,917	12/1987	Tompkins, et al.	370	62	4/8/85
HK	4,800,429	1/1989	Perkins	358	148	3/14/88
HK	4,879,716	11/7/89	McNalley, et al.	371	8.2	12/23/87
HK	4,941,037	7/10/90	Kap	364	200	9/18/87

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
HK	EP 0 174 099 A2	3/1986	EP			YES	NO
HK	WO 87/00317	1/1987	PCT				
HK	WO 94/19749	9/1994	PCT				
HK	WO 95/01055	1/1995	PCT				

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	<u>APEX PC Solutions Product Brochure, APEX PC Solutions, Redmond Washington.</u>
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HK	4,949,169	8/14/90	Lumelsky, et al.	358	86	10/27/89
HK	5,043,866	8/27/91	Myre, Jr. et al.	364	200	4/8/88
HK	5,121,486	6/9/92	Kurihara, et al.	395	325	11/18/88
HK	5,222,212	6/22/93	Johary, et al.	395	162	11/13/90
HK	5,230,066	7/20/93	Morimi	395	166	3/30/92
HK	5,357,420	10/18/94	Gohi	364	131	9/24/92
HK	5,448,697	9/5/95	Parks, et al.	395	162	9/10/93
HK	5,486,868	1/23/96	Shyu, et al.	348	524	5/19/95
HK	5,486,869	1/23/96	Cooper	348	525	12/13/93
HK	5,502,499	3/26/96	Birch, et al.	348	523	6/7/95

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HK	DeKerf, T and Davis, Gary, D., "The Keyboard/Video Switch White Paper: A Close Look at Modern Keyboard/Video Switching", Tron International Inc. and the Work-Center Corporation, 1995.
	Switchback™ User Guide, Apex PC Solutions, 1995©. (Copy not available.)
HK	"Sharp: Recording MD Player Due in Early '94", <i>HFD the Weekly Home Furnishings Newspaper</i> , July 1994.
HK	"Goldstar Unveils 5 Upgrade....", <i>HFD the Weekly Home Furnishings Newspaper</i> , vo. 68, No. 10, March 7, 1994.

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HK	5,519,874	5/21/96	Yamagishi, et al.	395	800	3/12/91
HK	5,526,024	6/11/96	Gaglianella, et al.	345	185	8/12/94
HK	5,604,509	2/18/97	Moore, et al.	345	2	4/14/95
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HK	"Electron Components: On Screen Display Ics", NEC Corporation, April 1994.
HK	"10comm ThinkSync II CM-2131T: Eye-Pleasing Trinitron CRT", <i>Windows Sources: The Magazine for Windows Experts</i> , vol. 1, No. 3, pp. 240-241, 244, April 1993.
HK	"Genlocking" Tech Note, S3 Incorporated, Sept. 1993.
HK	News Release "Maxi Switch, Inc. Introduces Industry's First Software Utility Permitting On-Screen Display of User-Progaied Keyboard Settings", Tucson, Arizona, Nov. 23, 1992.
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HK	"Panasonic's New Video Line Offers More Styling, User-Friendly Features", <i>HFD The Weekly Home Furnishings Newspaper</i> , July 1992.
	Reachout: Remote Control for Windows and DOS, Uer Guide Version 2.1, Ocean Isle Software, Revised July 2, 1992. (Copy not available.)
HK	"Lotus Brand Portable, Home TVs Bow", <i>HFD The Weekly Home Furnishings Newspaper</i> , vol. 64, No. 28, pp. 106 and 123, July 9, 1990.
HK	Gosch, J., "Solid-State Captions", <i>Electronics</i> , pp. 36-37, April 1990.
HK	Levine, J.A., "TV Makers Focus on Upscale Models", <i>HFD The Weekly Home Furnishings Newspaper</i> , Date unknown.

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	"Networking Software Master Net", Rose Electronics, 1989©.
HK	CES '87 Consumer Electronics Show: New Products, Jan. 5, 1987.
HK	"Panasonic VHS VCR Series Features Rounded Contours", <i>HFD The Weekly Home Furnishings Newspaper</i> , pp. 71 and 84, Jan. 5, 1987.
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HK	PR Newswire, "RCA Announces First Video Disc Player with Programmable Capability", Indianapolis, Aug. 12, 1983
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	8001/ KVM Users Guide, Apex PC Solutions, Date Unknown. (Copy not available.)
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HK	Carrell, J.L. and Boyle, P.R., "ONline System Concentrator", <i>PC Magazine</i> , Date unknown.
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